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(CS) field  
NEWS 4 AUG 24 ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced  
NEWS 5 AUG 24 CA/CAPLUS enhanced with legal status information for  
U.S. patents  
NEWS 6 SEP 09 50 Millionth Unique Chemical Substance Recorded in  
CAS REGISTRY  
NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM  
thesaurus  
NEWS 8 OCT 21 Derwent World Patents Index Coverage of Indian and  
Taiwanese Content Expanded  
NEWS 9 OCT 21 Derwent World Patents Index enhanced with human  
translated claims for Chinese Applications and  
Utility Models  
NEWS 10 OCT 27 Free display of legal status information in CA/CAPLUS,  
USPATFULL, and USPAT2 in the month of November.

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,  
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FILE COVERS 1907 - 9 Nov 2009 VOL 151 ISS 20  
FILE LAST UPDATED: 8 Nov 2009 (20091108/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

During November, try the new LSUS format of legal status information in the CA/CAPLUS family databases for free! Complete details on the number of free displays and other databases participating in this offer appear in NEWS 10.

=> s us20060180274/pn  
L1 1 US20060180274/PN

=> d all 11

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 2004:305177 CAPLUS  
DN 140:304723  
ED Entered STN: 15 Apr 2004  
TI Polyurethane composition containing a bismuth catalyst  
IN Burckhardt, Urs; Diener, Andreas  
PA Sika Technology A.-G., Switz.  
SO Eur. Pat. Appl., 21 pp.  
CODEN: EPXXDW  
DT Patent  
LA German  
IC ICM C08G018-12  
ICS C08G018-30; C08G018-22; C09D175-04; C09J175-04; B01J031-18  
CC 37-6 (Plastics Manufacture and Processing)  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1408062	A1	20040414	EP 2002-22561	20021008
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	CA 2501224	A1	20040422	CA 2003-2501224	20031001
	WO 2004033519	A1	20040422	WO 2003-EP10931	20031001

WO 2004033519	A9	20050526	
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW		
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
AU 2003285287	A1	20040504	AU 2003-285287
EP 1551895	A1	20050713	EP 2003-778270 20031001
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK		
BR 2003015173	A	20050823	BR 2003-15173 20031001
CN 1703437	A	20051130	CN 2003-80101128 20031001
CN 100354331	C	20071212	
JP 2006502267	T	20060119	JP 2004-542408 20031001
JP 4220467	B2	20090204	
US 20060180274	A1	20060817	US 2005-529894 20050322 <--
MX 2005003678	A	20050816	MX 2005-3678 20050407
PRAI EP 2002-22561	A	20021008	
WO 2003-EP10931	W	20031001	

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
EP 1408062	ICM ICS	C08G018-12 C08G018-30; C08G018-22; C09D175-04; C09J175-04; B01J031-18
	IPCI	C08G0018-12 [ICM,7]; C08G0018-30 [ICS,7]; C08G0018-22 [ICS,7]; C08G0018-00 [ICS,7,C*]; C09D0175-04 [ICS,7]; C09J0175-04 [ICS,7]; B01J0031-18 [ICS,7]; B01J0031-16 [ICS,7,C*]
	IPCR	B01J0031-16 [N,C*]; B01J0031-18 [N,A]; C08G0018-00 [I,C*]; C08G0018-12 [I,A]; C08G0018-22 [I,A]; C08G0018-48 [I,A]; C09D0175-04 [I,C*]; C09D0175-04 [I,A]
	ECLA	C08G018/12+18/30D5; C08G018/22L; C08G018/48M; C09D175/04; L01J; M08G
CA 2501224	IPCI	C08G0018-12 [ICM,7]; C09D0175-04 [ICS,7]; C09J0175-04 [ICS,7]; B01J0031-18 [ICS,7]; B01J0031-16 [ICS,7,C*]; C08G0018-22 [ICS,7]; C08G0018-30 [ICS,7]; C08G0018-00 [ICS,7,C*]
	IPCR	B01J0031-16 [N,C*]; B01J0031-18 [N,A]; C08G0018-00 [I,C*]; C08G0018-12 [I,A]; C08G0018-22 [I,A]; C08G0018-48 [I,A]; C09D0175-04 [I,C*]; C09D0175-04 [I,A]
	ECLA	C08G018/12+18/30D5; C08G018/22L; C08G018/48M; C09D175/04; L01J; M08G
WO 2004033519	IPCI	C08G0018-12 [ICM,7]; C08G0018-30 [ICS,7]; C08G0018-22 [ICS,7]; C08G0018-00 [ICS,7,C*]; C09D0175-04 [ICS,7]; C09J0175-04 [ICS,7]; B01J0031-18 [ICS,7]; B01J0031-16 [ICS,7,C*]
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C09J0175-04 [ICS,7]; B01J0031-18 [ICS,7]; B01J0031-16 [ICS,7,C\*]

IPCR B01J0031-16 [N,C\*]; B01J0031-18 [N,A]; C08G0018-00 [I,C\*]; C08G0018-12 [I,A]; C08G0018-22 [I,A]; C08G0018-48 [I,A]; C09D0175-04 [I,C\*]; C09D0175-04 [I,A]

EP 1551895 ECLA C08G018/12+18/30D5; C08G018/22L; C08G018/48M; C09D175/04; L01J; M08G

IPCI C08G0018-12 [ICM,7]; C08G0018-30 [ICS,7]; C08G0018-22 [ICS,7]; C08G0018-00 [ICS,7,C\*]; C09D0175-04 [ICS,7]; C09J0175-04 [ICS,7]; B01J0031-18 [ICS,7]; B01J0031-16 [ICS,7,C\*]

IPCR B01J0031-16 [I,C\*]; B01J0031-18 [I,A]; C08G0018-00 [I,C\*]; C08G0018-12 [I,A]; C08G0018-22 [I,A]; C08G0018-30 [I,A]; C09D0175-04 [I,C\*]; C09D0175-04 [I,A]; C09J0175-04 [I,C\*]; C09J0175-04 [I,A]

BR 2003015173 IPCI C08G0018-12 [ICM,7]; C08G0018-30 [ICS,7]; C08G0018-22 [ICS,7]; C08G0018-00 [ICS,7,C\*]; C09D0175-04 [ICS,7]; B01J0031-18 [ICS,7]; B01J0031-16 [ICS,7,C\*]

IPCR B01J0031-16 [N,C\*]; B01J0031-18 [N,A]; C08G0018-00 [I,C\*]; C08G0018-12 [I,A]; C08G0018-22 [I,A]; C08G0018-48 [I,A]; C09D0175-04 [I,C\*]; C09D0175-04 [I,A]

ECLA C08G018/12+18/30D5; C08G018/22L; C08G018/48M; C09D175/04; L01J; M08G

CN 1703437 IPCI C08G0018-00 [I,C]; C08G0018-12 [I,A]

IPCR B01J0031-16 [N,C\*]; B01J0031-18 [N,A]; C08G0018-00 [I,C\*]; C08G0018-12 [I,A]; C08G0018-22 [I,A]; C08G0018-48 [I,A]; C09D0175-04 [I,C\*]; C09D0175-04 [I,A]; C08G0018-30 [I,A]; C09J0175-04 [I,C]; C09J0175-04 [I,A]

ECLA C08G018/12+18/30D5; C08G018/22L; C08G018/48M; C09D175/04; L01J; M08G

JP 2006502267 IPCI C08G0018-22 [I,A]; C08G0018-10 [I,A]; C09D0007-12 [I,A]; C09D0175-04 [I,A]; C09J0011-02 [I,A]; C09J0175-04 [I,A]; C09K0003-10 [I,A]; F16J0015-14 [I,A]; C08G0018-22 [I,A]; C08G0018-10 [I,A]; C08G0018-00 [I,C\*]; C09D0007-12 [I,A]; C09D0175-04 [I,A]; C09J0011-02 [I,A]; C09J0175-04 [I,A]; C09K0003-10 [I,A]; F16J0015-14 [I,A]; F16J0015-02 [I,C\*]

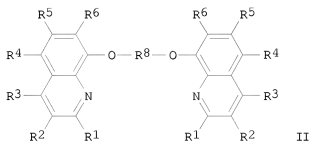
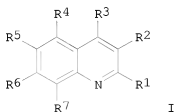
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ECLA C08G018/12+18/30D5; C08G018/22L; C08G018/48M; C09D175/04; L01J; M08G

FTERM 4H017/AA04; 4H017/AA31; 4H017/AB05; 4H017/AC05; 4H017/AC17; 4H017/AC19; 4J034/DA01; 4J034/DB03; 4J034/DB07; 4J034/DG02; 4J034/DG03; 4J034/DG04; 4J034/DG09; 4J034/HA02; 4J034/HA07; 4J034/JA42; 4J034/KB02; 4J034/KC23; 4J034/KD02; 4J034/KD11; 4J034/KE02; 4J034/QB12; 4J034/RA07; 4J034/RA08; 4J038/DG291; 4J038/JB25; 4J038/JC38; 4J038/JC39; 4J038/KA04; 4J038/NA25; 4J038/PA07; 4J038/PA20; 4J038/PB07; 4J040/EF321; 4J040/HD41; 4J040/HD42; 4J040/JA01; 4J040/JB06; 4J040/KA14

US 20060180274 IPCI C08G0018-00 [I,A]

NCL 156/331.700; 528/044.000  
 ECLA C08G018/12+18/30D5; C08G018/22L; C08G018/48M;  
 C09D175/04  
 MX 2005003678 IPCI B01J0031-18 [ICM,7]; B01J0031-16 [ICM,7,C\*];  
 C08G0018-12 [ICS,7]; C08G0018-22 [ICS,7]; C08G0018-30  
 [ICS,7]; C08G0018-00 [ICS,7,C\*]; C09D0175-04 [ICS,7];  
 C09J0175-04 [ICS,7]  
 ECLA C08G018/12+18/30D5; C08G018/22L; C08G018/48M;  
 C09D175/04; L01J; M08G  
 OS MARPAT 140:304723  
 GI



- AB One-component polyurethane compns., containing isocyanate-terminated polyurethane prepolymers and combinations of Bi-derivs. with N-containing heterocycles I or II (R1 - R6 = H, Me, Et, Pr, iso-Pr, Bu, iso-Bu, tert-Bu, C5-12 alkyl, COOH, COOR' or halogen, R7 = H, Me, Et, C3-12 alkyl, OH, OR'', R8 = alkylene- or alkyleneether group, R' = alkyl, R'' = alkyl or alkyl, containing heteroatom) as a catalysts are useful as long-term stable adhesives, sealants, clear coatings, especially as automobile coatings. Polyurethane moisture-curable adhesive paste, based on NCO-terminated prepolymer with NCO-content 2.12 weight% (manufacturing by reacting 2155 g of polyol (Acclaim 4200N) and 4310 g of polyol (Caradol MD34-02) with 1035 g of MDI (Desmodur 44MC L) at 80°) and combination of tri(neodecanoate) Bi with 8-hydroxyquinoline as catalyst exhibits an excellent adhesion to steel sheet and could be applied together with a Sn-based catalyst.
- ST one component polyurethane prepolymer adhesive clear coating; bismuth complex nitrogen heterocycle crosslinking catalyst
- IT Transparent materials  
 (coatings; one-component polyurethane compns., containing Bi-combinations with N-containing heterocycles as catalysts for adhesives, sealants and clear coatings)
- IT Heterocyclic compounds  
 RL: CAT (Catalyst use); USES (Uses)  
 (nitrogen, aromatic; one-component polyurethane compns., containing Bi-combinations with N-containing heterocycles as catalysts for adhesives, sealants and clear coatings)

IT Automobiles  
 Crosslinking catalysts  
 Primers (paints)  
 Sealing compositions  
 (one-component polyurethane compns., containing Bi-combinations with N-containing heterocycles as catalysts for adhesives, sealants and clear coatings)

IT Adhesives  
 (one-component; one-component polyurethane compns., containing Bi-combinations with N-containing heterocycles as catalysts for adhesives, sealants and clear coatings)

IT Polyurethanes, preparation  
 RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)  
 (polyoxyalkylene; one-component polyurethane compns., containing Bi-combinations with N-containing heterocycles as catalysts for adhesives, sealants and clear coatings)

IT Coating materials  
 (thermosetting; one-component polyurethane compns., containing Bi-combinations with N-containing heterocycles as catalysts for adhesives, sealants and clear coatings)

IT Coating materials  
 (transparent; one-component polyurethane compns., containing Bi-combinations with N-containing heterocycles as catalysts for adhesives, sealants and clear coatings)

IT 77-58-7, Dibutyltin dilaurate  
 RL: CAT (Catalyst use); USES (Uses)  
 (Metatin 712, catalyst; one-component polyurethane compns., containing Bi-combinations with N-containing heterocycles as catalysts for adhesives, sealants and clear coatings)

IT 34364-26-6, Bismuth trineodecanoate  
 RL: CAT (Catalyst use); USES (Uses)  
 (NeoBi 200; one-component polyurethane compns., containing Bi-combinations with N-containing heterocycles as catalysts for adhesives, sealants and clear coatings)

IT 67-51-6, 3,5-Dimethylpyrazole 91-22-5, Quinoline, uses 91-63-4, 2-Methylquinoline 148-24-3, 8-Hydroxyquinoline, uses 288-32-4, Imidazol, uses 366-18-7, 2,2'-Bipyridyl 586-98-1, 2-Hydroxymethylpyridine 614-97-1, 5-MethylBenzimidazole 4083-64-1D, Toluene-4-sulfonyl isocyanate, reaction product with bismuth trineodecanoate and diisodecylphthalate 57310-75-5  
 RL: CAT (Catalyst use); USES (Uses)  
 (co-catalyst; one-component polyurethane compns., containing Bi-combinations with N-containing heterocycles as catalysts for adhesives, sealants and clear coatings)

IT 6425-39-4P, 2,2'-Dimorpholinodiethylether  
 RL: CAT (Catalyst use); IMF (Industrial manufacture); PREP (Preparation); USES (Uses)  
 (co-catalyst; one-component polyurethane compns., containing Bi-combinations with N-containing heterocycles as catalysts for adhesives, sealants and clear coatings)

IT 566935-65-7P, Acclaim 4200N-Caradol MD34-02-MDI copolymer 676596-39-7P  
 RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)  
 (one-component polyurethane compns., containing Bi-combinations with N-containing heterocycles as catalysts for adhesives, sealants and clear coatings)

IT 677026-22-1, Sika Primer 209  
 RL: POF (Polymer in formulation); TEM (Technical or engineered material use); USES (Uses)  
 (one-component polyurethane compns., containing Bi-combinations with N-containing heterocycles as catalysts for adhesives, sealants and clear

coatings)  
 OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)  
 UPOS.G Date last citing reference entered STN: 02 Oct 2009  
 OS.G CAPLUS 2009:1171707; 2009:671368; 2007:1327817  
 RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 RE CITED REFERENCES  
 (1) Bayer Ag; GB 1550235 A 1979 CAPLUS  
 (2) Groegler, G; US 4786655 A 1988 CAPLUS  
 (3) House, D; US 4874831 A 1989 CAPLUS  
 (4) Huels Chemische Werke Ag; EP 0761705 A 1997 CAPLUS  
 (5) Mitsui Toatsu Chemicals; EP 0376674 A 1990 CAPLUS

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	9.62	9.84
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.82	-0.82

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STRUCTURE FILE UPDATES: 8 NOV 2009 HIGHEST RN 1191799-54-8  
 DICTIONARY FILE UPDATES: 8 NOV 2009 HIGHEST RN 1191799-54-8

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

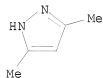
<http://www.cas.org/support/stngen/stdoc/properties.html>

=> s 67-51-6  
 L2 1 67-51-6  
 (67-51-6/RN)

=> d l2

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 67-51-6 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN 1H-Pyrazole, 3,5-dimethyl- (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Pyrazole, 3,5-dimethyl- (6CI, 8CI)  
 OTHER NAMES:  
 CN 1H-3,5-Dimethylpyrazole  
 CN 3,5-Dimethyl-1H-pyrazole

CN 3,5-Dimethylpyrazole  
 CN NSC 8729  
 CN TH 564  
 CN Trixene DP 8692  
 CN U 6245  
 MF C5 H8 N2  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOSIS, CA, CAPLUS, CASREACT,  
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHM, CSNB, DDFU, DRUGU,  
 EMBASE, GMELIN\*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MSDS-OHS, RTECS\*,  
 SPECINFO, TOXCENTER, USPAT2, USPATFULL, USPATOLD  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1850 REFERENCES IN FILE CA (1907 TO DATE)  
 174 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 1853 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 91-22-5/rn  
 L3 1 91-22-5/RN  
 => d l3

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 91-22-5 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Quinoline (CA INDEX NAME)

OTHER NAMES:

CN 1-Azanaphthalene  
 CN 1-Benzazine  
 CN B 500  
 CN Benzopyridine  
 CN Benzo[b]pyridine  
 CN Leucol  
 CN Leucoline  
 CN Leukol  
 CN NSC 3396  
 CN Quinolin  
 DR 20214-07-7  
 MF C9 H7 N  
 CI COM, RPS

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS,  
 BIOTECNHO, CA, CABA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX,  
 CHEMLIST, CIN, CSCHM, CSNB, DDFU, DETHERM\*, DRUGU, EMBASE, ENCOMPLIT,  
 ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN\*, HSDB\*, IFICDB, IFIPAT,  
 IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, PIRA, PROMT, RTECS\*,  
 SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)



Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

13068 REFERENCES IN FILE CA (1907 TO DATE)  
1748 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
13092 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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L4 1 91-63-4/RN

=> d 14

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN

RN 91-63-4 REGISTRY

ED Entered STN: 16 Nov 1984

CN Quinoline, 2-methyl- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Quinaldine (8CI)

OTHER NAMES:

CN 2-Methylquinoline

CN Khinaldin

CN NSC 3397

MF C10 H9 N

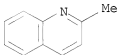
CI COM

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DRUGU, EMBASE, GMELIN\*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, PROMT, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, ULIDAT, USPAT2, USPATFULL, USPATOLD

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2211 REFERENCES IN FILE CA (1907 TO DATE)  
57 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
2221 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 148-24-3/rn

L5 1 148-24-3/RN

=> d 15

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 148-24-3 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 8-Quinolinol (CA INDEX NAME)  
OTHER NAMES:  
CN 1-Azanaphthalene-8-ol  
CN 8-Hydroxychinolin  
CN 8-Hydroxyquinoline  
CN 8-OQ  
CN 8-Oxyquinoline  
CN 8-Quinol  
CN Albisal  
CN AQ+  
CN Fennosan H 30  
CN NSC 2039  
CN NSC 285166  
CN NSC 402623  
CN NSC 48037  
CN NSC 54230  
CN NSC 615011  
CN NSC 82404  
CN NSC 82405  
CN NSC 82409  
CN NSC 82410  
CN NSC 82412  
CN Oxin  
CN Oxine  
CN Oxoquinoline  
CN Oxychinolin  
CN Oxyquinoline  
CN Phenopyridine  
CN Quinophenol  
CN Tumex  
DR 123574-67-4, 24804-14-6  
MF C9 H7 N O  
CI COM  
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA,  
CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHM,  
CSNB, DDFU, DETHERM\*, DRUGU, EMBASE, GMELIN\*, HSDB\*, IFICDB, IFIPAT,  
IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, PIRA, PROMT, PS,  
RITECS\*, SPECINFO, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL, VETU  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

9998 REFERENCES IN FILE CA (1907 TO DATE)

1534 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
10020 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 288-32-4

L6 1 288-32-4  
(288-32-4/RN)

=> d 16

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN

RN 288-32-4 REGISTRY

ED Entered STN: 16 Nov 1984

CN 1H-Imidazole (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Imidazole (8CI)

OTHER NAMES:

CN 1,3-Diaza-2,4-cyclopentadiene

CN 1,3-Diazole

CN 3-Azapyrrole

CN Glyoxalin

CN Glyoxaline

CN Imidazol

CN Imutex

CN Methanimidamide, N,N'-1,2-ethenediyl-

CN Miazole

CN NSC 60522

DR 146117-15-9, 116421-26-2

MF C3 H4 N2

CI COM, RPS

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS,  
BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST,  
CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DRUGU, EMBASE, GMELIN\*, IFICDB,  
IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, PIRA, PROMT,  
PS, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USPAT2,  
USPATFULL, USPATOLD, VETU

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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3546 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

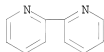
19425 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 366-18-7/rn

L7 1 366-18-7/RN

=> d 17

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 366-18-7 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN 2,2'-Bipyridine (CA INDEX NAME)  
 OTHER NAMES:  
 CN  $\alpha,\alpha'$ -Bipyridine  
 CN  $\alpha,\alpha'$ -Bipyridyl  
 CN  $\alpha,\alpha'$ -Dipyridine  
 CN  $\alpha,\alpha'$ -Dipyridyl  
 CN 2,2'-Bipyridyl  
 CN 2,2'-Dipyridine  
 CN 2,2'-Dipyridyl  
 CN 2-(2-Pyridyl)pyridine  
 CN Dri-Rx 19LC-E  
 CN NSC 1550  
 CN NSC 615009  
 MF C10 H8 N2  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DRUGU, EMBASE, GMELIN\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, PIRA, PROMT, RTECS\*, SPECINFO, TOXCENTER, USPAT2, USPATFULL, USPATOLD  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

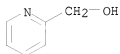
10360 REFERENCES IN FILE CA (1907 TO DATE)  
 2526 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 10411 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 586-98-1/rn  
 L8 1 586-98-1/RN

=> d 18

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 586-98-1 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN 2-Pyridinemethanol (CA INDEX NAME)  
 OTHER NAMES:  
 CN  $\alpha$ -Picolyl alcohol  
 CN 2-(Hydroxymethyl)pyridine  
 CN 2-Pyridinylcarbinol  
 CN 2-Pyridinylmethanol  
 CN 2-Pyridylcarbinol  
 CN 2-Pyridylmethanol  
 CN Piconol  
 CN Pyridine-2-carbinol

MF C6 H7 N O  
 CI COM  
 LC STN Files: ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHM, DETHERM\*, GMELIN\*, IFICDB, IFIPAT, IFIUDB, PS, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL, USPATOLD  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*, WHO  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



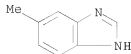
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 34 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 1148 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 614-97-1/rn  
 L9 1 614-97-1/RN

=> d 19

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 614-97-1 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN 1H-Benzimidazole, 6-methyl- (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 1H-Benzimidazole, 5-methyl- (9CI)  
 CN Benzimidazole, 5(or 6)-methyl- (7CI)  
 CN Benzimidazole, 5-methyl- (8CI)  
 OTHER NAMES:  
 CN 5-Methyl-1H-benzimidazole  
 CN 5-Methylbenzimidazole  
 CN NSC 3826  
 MF C8 H8 N2  
 CI COM  
 LC STN Files: ANABSTR, BEILSTEIN\*, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHM, IFICDB, IFIPAT, IFIUDB, PIRA, RTECS\*, SPECINFO, TOXCENTER, USPAT2, USPATFULL, USPATOLD  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



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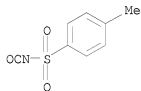
197 REFERENCES IN FILE CA (1907 TO DATE)

4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
197 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 4083-64-1/rn  
L10 1 4083-64-1/RN

=> d 110

L10 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 4083-64-1 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Benzenesulfonyl isocyanate, 4-methyl- (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Isocyanic acid, anhydride with p-toluenesulfonic acid (6CI)  
CN p-Toluenesulfonic acid, anhydride with isocyanic acid (7CI, 8CI)  
OTHER NAMES:  
CN 4-Methylbenzenesulfonyl isocyanate  
CN 4-Methylphenylsulfonyl isocyanate  
CN 4-Toluenesulfonyl isocyanate  
CN Additive TI  
CN p-Methylbenzenesulfonyl isocyanate  
CN p-Methylphenylsulfonyl isocyanate  
CN p-Toluenesulfonyl isocyanate  
CN p-Toluenesulphonyl isocyanate  
CN p-Tosyl isocyanate  
CN PTSI  
CN Tosyl isocyanate  
DR 102086-99-7  
MF C8 H7 N O3 S  
CI COM  
LC STN Files: AGRICOLA, BEILSTEIN\*, BIOSIS, CA, CAPLUS, CASREACT, CBNB,  
CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHM, IFICDB, IFIPAT, IFIUDB,  
MSDS-OHS, PROMT, PS, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, ULIDAT,  
USPAT2, USPATFULL, USPATOLD  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1011 REFERENCES IN FILE CA (1907 TO DATE)  
59 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1013 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 57310-75-5/rn  
L11 1 57310-75-5/RN

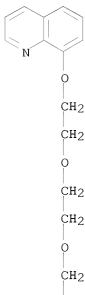
=> d 111

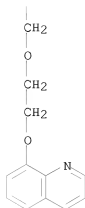
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111 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 57310-75-5 REGISTRY
ED Entered STN: 16 Nov 1984
CN Quinolone, 8,8'-[oxybis(2,1-ethanediyl-oxy-2,1-ethanediyl-oxy)]bis- (CA
INDEX NAME)
OTHER NAMES:
CN 1,11-Bis(8-quinolinyl-oxy)-3,6,9-trioxaundecane
CN 1,11-Bis(8-quinolinyl-oxy)-3,6,9-trioxaundecane
CN 1,13-Bis(8-quinolinyl)-1,4,7,10,13-pentaoxatridecane
CN 1,13-Bis[8-quinolinyl]-1,4,7,10,13-pentaoxatridecane
CN Cryptofix 5
CN Kryptofix 5
CN NSC 339328
DR 64236-96-0
MF C26 H28 N2 O5
LC COM
CI STN Files: BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,
CSCHEM, MEDLINE, MSDS-OHS, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)

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PAGE 1-A





\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

83 REFERENCES IN FILE CA (1907 TO DATE)  
 21 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 83 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s l11 or 15 or l4  
 L12 3 L11 OR L5 OR L4

=> file caplus  
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-0.82

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FILE COVERS 1907 - 9 Nov 2009 VOL 151 ISS 20  
 FILE LAST UPDATED: 8 Nov 2009 (20091108/ED)  
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009  
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.



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<http://www.cas.org/legal/infopolicy.html>

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```
=> s l12
L13      12230 L12

=> s l13 and bismuth
      152425 BISMUTH
           5 BISMUTHS
      152425 BISMUTH
           (BISMUTH OR BISMUTHS)
L14      134 L13 AND BISMUTH

=> s l14 and (polyurethane or polyisocyanate or diisocyanate or triisocyanate or
polyurea or urethane or urea)
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      123161 POLYURETHANES
      183749 POLYURETHANE
           (POLYURETHANE OR POLYURETHANES)
      21597 POLYISOCYANATE
      18512 POLYISOCYANATES
      32313 POLYISOCYANATE
           (POLYISOCYANATE OR POLYISOCYANATES)
      55188 DIISOCYANATE
      11568 DIISOCYANATES
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           (DIISOCYANATE OR DIISOCYANATES)
      1299 TRIISOCYANATE
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      12821 POLYUREA
      11627 POLYUREAS
      15602 POLYUREA
           (POLYUREA OR POLYUREAS)
      126605 URETHANE
      6166 URETHANES
      128670 URETHANE
           (URETHANE OR URETHANES)
      241943 UREA
      11128 UREAS
      245278 UREA
           (UREA OR UREAS)
L15      12 L14 AND (POLYURETHANE OR POLYISOCYANATE OR DIISOCYANATE OR TRIIS
OCYANATE OR POLYUREA OR URETHANE OR UREA)

=> d l15

L15 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2009 ACS ON STN
AN 2009:1210166 CAPLUS
TI Sol-gel/self-combustion process for manufacture of metals, alloys and
metal matrix composites
```

IN Yang, Shaoguang; Jiang, Yuwen; Hua, Zhenghe; Huang, Hongbo  
 PA Nanjing University, Peop. Rep. China  
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 10pp.  
 CODEN: CNXXEV

DT Patent  
 LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 101543894	A	20090930	CN 2009-10030207	20090319
PRAI	CN 2009-10030207		20090319		

=> d 115 2

L15 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2009:916938 CAPLUS  
 DN 151:181926  
 TI Pasty insert material for widening the gingival sulcus and use  
 IN Bublewitz, Alexander; Reber, Jens-Peter  
 PA Kettenbach GmbH & Co. KG, Germany  
 SO PCT Int. Appl., 73pp.  
 CODEN: PIXXD2

DT Patent  
 LA German

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2009092568	A2	20090730	WO 2009-EP349	20090121
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	DE 102008005469	A1	20090723	DE 2008-102008005469	20080121
PRAI	DE 2008-102008005469	A	20080121		

=> d 115 3

L15 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2008:830514 CAPLUS  
 DN 149:121248  
 TI Colorimetric method and kit for detecting herbicide resistance in weeds  
 IN Ravn, Helle Weber; Kudsk, Per Nielsen; Mathiasen, Solvejg K.  
 PA Aarhus Universitet, Den.  
 SO PCT Int. Appl., 111pp.  
 CODEN: PIXXD2

DT Patent  
 LA English

FAN.CNT 1

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PI	WO 2008080410	A1	20080710	WO 2008-DK50004	20080107
	W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,				

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RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

AU 2008203745 A1 20080710 AU 2008-203745 20080107  
CA 2674643 A1 20080710 CA 2008-2674643 20080107  
EP 2102654 A1 20090923 EP 2008-700137 20080107

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PRAI DK 2007-24 A 20070107  
WO 2008-DK50004 W 20080107

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 115 4

L15 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2009 ACS ON STN  
AN 2008:029742 CAPLUS  
DN 149:121218  
TI Colorimetric method and kit for testing herbicide stress effects in weeds  
IN Ravn, Helle Weber  
PA Aarhus Universitet, Den.  
SO PCT Int. Appl., 170pp.  
CODEN: P1XXD2  
DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2008080409	A1	20080710	WO 2008-DK50003	20080107
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AU 2008203744	A1	20080710	AU 2008-203744	20080107
CA 2674642	A1	20080710	CA 2008-2674642	20080107
EP 2102653	A1	20090923	EP 2008-700136	20080107
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PRAI DK 2007-22	A	20070107		
WO 2008-DK50003	W	20080107		
OSC.G 1			THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)	
RE.CNT 4			THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT	

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L15 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 2007:825678 CAPLUS  
DN 147:228569  
TI Identification of the Structural Requirements for Mutagenicity, by  
Incorporating Molecular Flexibility and Metabolic Activation of Chemicals.  
II. General Ames Mutagenicity Model. [Erratum to document cited in  
CA146:516278]  
AU Serafimova, R.; Todorov, M.; Pavlov, T.; Kotov, S.; Jacob, E.; Aptula, A.;  
Mekenyan, O.  
CS Laboratory of Mathematical Chemistry, University Prof. As. Zlatarov,  
Bourga, 8000, Bulg.  
SO Chemical Research in Toxicology (2007), 20(8), 1225  
CODEN: CRTOEC; ISSN: 0893-228X  
PB American Chemical Society  
DT Journal  
LA English

=> d 115 6

L15 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 2007:334667 CAPLUS  
DN 146:516278  
TI Identification of the Structural Requirements for Mutagenicity, by  
Incorporating Molecular Flexibility and Metabolic Activation of Chemicals.  
II. General Ames Mutagenicity Model  
AU Serafimova, R.; Todorov, M.; Pavlov, T.; Kotov, S.; Jacob, E.; Aptula, A.;  
Mekenyan, O.  
CS Laboratory of Mathematical Chemistry, University Prof. As. Zlatarov,  
Bourgas, 8000, Bulg.  
SO Chemical Research in Toxicology (2007), 20(4), 662-676  
CODEN: CRTOEC; ISSN: 0893-228X  
PB American Chemical Society  
DT Journal  
LA English  
OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)  
RE.CNT 81 THERE ARE 81 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 115 7

L15 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 2004:305177 CAPLUS  
DN 140:304723  
TI Polyurethane composition containing a bismuth catalyst  
IN Burckhardt, Urs; Diener, Andreas  
PA Sika Technology A.-G., Switz.  
SO Eur. Pat. Appl., 21 pp.  
CODEN: EPXXDW  
DT Patent  
LA German  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1408062	A1	20040414	EP 2002-22561	20021008
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				

CA 2501224 A1 20040422 CA 2003-2501224 20031001  
 WO 2004033519 A1 20040422 WO 2003-EP10931 20031001  
 WO 2004033519 A9 20050526

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003285287 A1 20040504 AU 2003-285287 20031001  
 EP 1551895 A1 20050713 EP 2003-778270 20031001

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

BR 2003015173 A 20050823 BR 2003-15173 20031001  
 CN 1703437 A 20051130 CN 2003-80101128 20031001  
 CN 100354331 C 20071212  
 JP 2006502267 T 20060119 JP 2004-542408 20031001  
 JP 4220467 B2 20090204  
 US 20060180274 A1 20060817 US 2005-529894 20050322  
 MX 2005003678 A 20050816 MX 2005-3678 20050407

PRAI EP 2002-22561 A 20021008  
 WO 2003-EP10931 W 20031001

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 140:304723

OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 115 8

L15 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2003:376338 CAPLUS

DN 138:347624

TI Method for laser patterning a multilayered conductor/substrate structure

IN Kian, Kouroche; Heydarpour, Ramin

PA Avery Dennison Corporation, USA

SO U.S. Pat. Appl. Publ., 28 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20030092267	A1	20030515	US 2001-8808	20011113
	US 6602790	B2	20030805		
PRAI	US 2001-8808		20011113		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (15 CITINGS)

=> d 115 9

L15 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

AN 1993:455828 CAPLUS

DN 119:55828

OREF 119:9945a,9948a

TI Status of certain additional over-the-counter drug category II and III

active ingredients  
CS United States Food and Drug Administration, Rockville, MD, 20857, USA  
SO Federal Register (1993), 58(88), 27636-44, 10 May 1993  
CODEN: FEREC; ISSN: 0097-6326  
DT Journal  
LA English

=> d 115 10

L15 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 1980:487930 CAPLUS  
DN 93:87930  
OREF 93:13937a,13940a  
TI Precipitation of bismuth 8-quinolinolate from homogeneous  
solution by urea hydrolysis  
AU Reddy, G. Siva; Reddy, Y. Krishna  
CS Dep. Chem., Sri Venkatesawara Univ., Tirupati, 517502, India  
SO Analyst (Cambridge, United Kingdom) (1980), 105(1249), 391-5, 1 Plate  
CODEN: ANALAO; ISSN: 0003-2654  
DT Journal  
LA English

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	32.42	66.12
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.82

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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Nov 6, 2009 (20091106/UP).

=> d 115 10

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L15 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 1980:487930 CAPLUS  
DN 93:87930  
OREF 93:13937a,13940a  
TI Precipitation of bismuth 8-quinolinolate from homogeneous  
solution by urea hydrolysis  
AU Reddy, G. Siva; Reddy, Y. Krishna  
CS Dep. Chem., Sri Venkatesawara Univ., Tirupati, 517502, India  
SO Analyst (Cambridge, United Kingdom) (1980), 105(1249), 391-5, 1 Plate  
CODEN: ANALAO; ISSN: 0003-2654  
DT Journal  
LA English

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
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FULL ESTIMATED COST	ENTRY 0.07	SESSION 68.15
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.82

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FILE COVERS 1907 - 9 Nov 2009 VOL 151 ISS 20  
 FILE LAST UPDATED: 8 Nov 2009 (20091108/ED)  
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009  
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

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=> d 115 11

L15 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1958:80541 CAPLUS  
 DN 52:80541  
 OREF 52:14269f-i,14270a  
 TI The volatility of polonium compounds  
 AU Mabuchi, Hisao  
 CS Univ. Tokyo  
 SO Bulletin of the Chemical Society of Japan (1958), 31, 245-6  
 CODEN: BCSJA8; ISSN: 0009-2673  
 DT Journal  
 LA Unavailable

=> d 115 12

L15 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1952:47874 CAPLUS

DN 46:47874  
 OREF 46:7927g-i,7928a-d  
 TI Chromatographic analysis of metals by organic reagents  
 AU Ashizawa, Takashi  
 CS Okayama Univ.  
 SO Repts. Balneol. Lab. Okayama Univ. (1951), (No. 5), 1-42  
 DT Journal  
 LA English

=> d 115 13

12 ANSWERS ARE AVAILABLE. SPECIFIED ANSWER NUMBER EXCEEDS ANSWER SET SIZE  
 The answer numbers requested are not in the answer set.  
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L15 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2008:830514 CAPLUS  
 DN 149:121248  
 TI Colorimetric method and kit for detecting herbicide resistance in weeds  
 IN Ravn, Helle Weber; Kudsk, Per Nielsen; Mathiassen, Solvejg K.  
 PA Aarhus Universitet, Den.  
 SO PCT Int. Appl., 111pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

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PI	WO 2008080410	A1	20080710	WO 2008-DK50004	20080107
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	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	AU 2008203745	A1	20080710	AU 2008-203745	20080107
	CA 2674643	A1	20080710	CA 2008-2674643	20080107
	EP 2102654	A1	20090923	EP 2008-700137	20080107
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS				
FRAI	DK 2007-24	A	20070107		
	WO 2008-DK50004	W	20080107		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

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LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION



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LOGINID:SSPTAMLL1796

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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500,000 in Key STN Databases  
NEWS 3 APR 02 PATDPAFULL: Application and priority number formats  
enhanced  
NEWS 4 APR 02 DWPI: New display format ALLSTR available  
NEWS 5 APR 02 New Thesaurus Added to Derwent Databases for Smooth  
Sailing through U.S. Patent Codes  
NEWS 6 APR 02 EMBASE Adds Unique Records from MEDLINE, Expanding  
Coverage back to 1948  
NEWS 7 APR 07 CA/Caplus CLASS Display Streamlined with Removal of  
Pre-IPC 8 Data Fields  
NEWS 8 APR 07 50,000 World Traditional Medicine (WTM) Patents Now  
Available in Caplus  
NEWS 9 APR 07 MEDLINE Coverage Is Extended Back to 1947  
NEWS 10 JUN 16 WPI First View (File WPIFV) will no longer be  
available after July 30, 2010  
NEWS 11 JUN 18 DWPI: New coverage - French Granted Patents  
NEWS 12 JUN 18 CAS and FIZ Karlsruhe announce plans for a new  
STN platform  
NEWS 13 JUN 18 IPC codes have been added to the INSPEC backfile  
(1969-2009)  
NEWS 14 JUN 21 Removal of Pre-IPC 8 data fields streamline displays  
in CA/Caplus, CASREACT, and MARPAT  
NEWS 15 JUN 21 Access an additional 1.8 million records exclusively  
enhanced with 1.9 million CAS Registry Numbers --  
EMBASE Classic on STN  
NEWS 16 JUN 28 Introducing "CAS Chemistry Research Report": 40 Years  
of Biofuel Research Reveal China Now Atop U.S. in  
Patenting and Commercialization of Bioethanol  
NEWS 17 JUN 29 Enhanced Batch Search Options in DGENE, USGENE,  
and PCTGEN  
NEWS 18 JUL 19 Enhancement of citation information in INPADOC  
databases provides new, more efficient competitor  
analyses  
NEWS 19 JUL 26 CAS coverage of global patent authorities has  
expanded to 61 with the addition of Costa Rica  
NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,  
AND CURRENT DISCOVER FILE IS DATED 07 JULY 2010.

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=> file reg		
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	ENTRY	SESSION
FULL ESTIMATED COST	0.22	0.22

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DICTIONARY FILE UPDATES: 16 AUG 2010 HIGHEST RN 1236252-88-2

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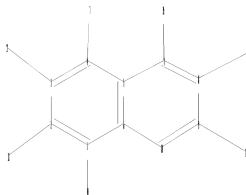
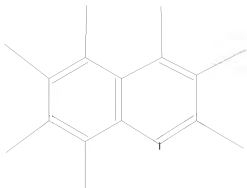
TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

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=>  
Uploading C:\Program Files\STNEXP\Queries\10529894\quinoline.str



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ring nodes :
1 2 3 4 5 6 7 8 9 10
chain bonds :
1-14 2-13 3-12 4-11 7-15 8-16 9-17
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10
exact bonds :
1-14 2-13 3-12 4-11 7-15 8-16 9-17
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS

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L1 STRUCTURE UPLOADED

=> s l1

SAMPLE SEARCH INITIATED 14:16:35 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 396 TO ITERATE

100.0% PROCESSED 396 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 6727 TO 9113  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss ful

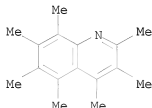
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FULL SCREEN SEARCH COMPLETED - 8137 TO ITERATE

100.0% PROCESSED 8137 ITERATIONS 1 ANSWERS  
SEARCH TIME: 00.00.01

L3 1 SEA SSS FUL L1

=> d 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 97458-52-1 REGISTRY  
ED Entered STN: 04 Aug 1985  
CN Quinoline, 2,3,4,5,6,7,8-heptamethyl- (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Quinoline, heptamethyl- (9CI)  
MF C16 H21 N  
SR CA  
LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	193.64	193.86

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FILE COVERS 1907 - 17 Aug 2010 VOL 153 ISS 8  
FILE LAST UPDATED: 16 Aug 2010 (20100816/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2010  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2010

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 1

L4 1893285 L

=> s 13

L5 1 L3

=> d 15

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1985:456414 CAPLUS

DN 103:56414

OREF 103:9080h,9081a

TI Separation and identification by gas chromatography and gas chromatography-mass spectrometry of the nitrogen compounds from a deasphalted heavy oil. Evolution of their distribution after a catalytic hydrotreatment

AU Ignatiadis, I.; Schmitter, J. M.; Arpino, P.

CS Lab. Chim. Anal. Phys., Ec. Polytech., Palaiseau, 91128, Fr.

SO Journal of Chromatography (1985), 324(1), 87-111

CODEN: JOCRAM; ISSN: 0021-9673

DT Journal

LA French

OSC.G 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

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SESSION

FULL ESTIMATED COST

6.11

199.97

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1 2 3 4 5 6 7 8 9 10
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ring bonds :
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exact/norm bonds :
1-14 2-13 3-12 4-11 7-15 8-16 9-17
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10

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G1: Ak, CH<sub>3</sub>, Et, *i*-Pr, *i*-Bu, *t*-Bu, COOH, X

G2: Ak, OH

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS

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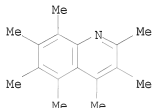
=> s l6 sss ful  
FULL SEARCH INITIATED 14:20:30 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 1242692 TO ITERATE

100.0% PROCESSED 1242692 ITERATIONS 1 ANSWERS  
SEARCH TIME: 00.00.05

L7 1 SEA SSS FUL L6

=> d l7

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2010 ACS on STN  
RN 97458-52-1 REGISTRY  
ED Entered STN: 04 Aug 1985  
CN Quinoline, 2,3,4,5,6,7,8-heptamethyl- (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Quinoline, heptamethyl- (9CI)  
MF C16 H21 N  
SR CA  
LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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chain nodes :
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ring nodes :
1 2 3 4 5 6 7 8 9 10
chain bonds :
1-14 2-13 3-12 4-11 7-15 8-16 9-17
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10
exact/norm bonds :
1-14 2-13 3-12 4-11 7-15 8-16 9-17
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10

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G1: Ak, CH<sub>3</sub>, Et, *i*-Pr, *i*-Bu, *t*-Bu, COOH, X, H

G2: Ak, OH

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS

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=> s l8 sss ful  
FULL SEARCH INITIATED 14:21:54 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 1242865 TO ITERATE

100.0% PROCESSED 1242865 ITERATIONS 27271 ANSWERS  
SEARCH TIME: 00.00.09

L9 27271 SEA SSS FUL L8

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 386.16 586.13

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FILE LAST UPDATED: 16 Aug 2010 (20100816/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2010  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2010

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

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<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l9  
L10 21348 L9  
  
=> s l10 and (urethane or urea or polyurethane or urethane)  
129258 URETHANE  
6333 URETHANES  
131411 URETHANE  
(URETHANE OR URETHANES)  
251228 UREA  
11556 UREAS  
254684 UREA  
(UREA OR UREAS)  
152398 POLYURETHANE  
133725 POLYURETHANES  
194692 POLYURETHANE  
(POLYURETHANE OR POLYURETHANES)  
129258 URETHANE

6333 URETHANES  
131411 URETHANE

(URETHANE OR URETHANES)

L11 661 L10 AND (URETHANE OR UREA OR POLYURETHANE OR URETHANE)

=> s l11 and bismuth

158640 BISMUTH  
5 BISMUTHS  
158640 BISMUTH

(BISMUTH OR BISMUTHS)

L12 27 L11 AND BISMUTH

=> d l12

L12 ANSWER 1 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2010:439729 CAPLUS

DN 152:415377

TI Compositions comprising fenugreek fiber exhibiting delayed transit through gastrointestinal tract

IN Pilgaonkar, Pratibha Sudhir; Rustomjee, Maharukh Tehmasp; Gandhi, Anikumar Surendrakumar; Suvarnapathaki, Rupali Kedar

PA Rubicon Research Private Limited, India

SO PCT Int. Appl., 37pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2010038237	A2	20100408	WO 2009-IN516	20090922
	W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRAI	IN 2008-MU2020	A	20080922		

=> d l12 2

L12 ANSWER 2 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2010:211190 CAPLUS

DN 152:296319

TI Formulation based on micronized clinoptilolite as therapeutic agent providing highly bioavailable silicon

IN Lelas, Antonio; Cepanac, Ivaca

PA Novatech d.o.o., Croatia

SO PCT Int. Appl., 47pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2010018418	A1	20100218	WO 2008-HR30	20080812

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,  
 CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES,  
 FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE,  
 KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,  
 ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH,  
 PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ,  
 TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW  
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,  
 IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK,  
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,  
 TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,  
 AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRAI WO 2008-HR30 20080812

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 3

L12 ANSWER 3 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2009:1210166 CAPLUS

DN 151:475833

TI Sol-gel/self-combustion process for manufacture of metals, alloys and  
 metal matrix composites

IN Yang, Shaoquang; Jiang, Yuwen; Hua, Zhenghe; Huang, Hongbo

PA Nanjing University, Peop. Rep. China

SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 10pp.

CODEN: CNXXEV

DT Patent

LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 101543894	A	20090930	CN 2009-10030207	20090319
PRAI	CN 2009-10030207		20090319		

=> d 112 4

L12 ANSWER 4 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2009:916938 CAPLUS

DN 151:181926

TI Pasty insert material for widening the gingival sulcus and use

IN Bublewitz, Alexander; Reber, Jens-Peter

PA Kettenbach GmbH & Co. KG, Germany

SO PCT Int. Appl., 73pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2009092568	A2	20090730	WO 2009-EP349	20090121
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI,				

SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,  
 TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
 ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 DE 102008005469 A1 20090723 DE 2008-102008005469 20080121  
 PRAI DE 2008-102008005469 A 20080121

=> d 112 5

L12 ANSWER 5 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2009:798878 CAPLUS

DN 151:108598

TI Biodegradable contrast agents

IN Almen, Torsten; Brudeli, Bjarne; Kjellson, Fred; Klaveness, Jo

PA Iopharma Technologies AB, Swed.; Wang, Jian-Sheng; Kidd, Sara

SO PCT Int. Appl., 41pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2009081169	A2	20090702	WO 2008-GB4268	20081222
	WO 2009081169	A3	20091210		
	W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, CA			
PRAI	GB 2007-25070	A	20071221		

=> d 112 6

L12 ANSWER 6 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2008:1338835 CAPLUS

DN 149:541637

TI Adhesive patch with aversive agent

IN Rolf, David

PA Lectec Corp., USA

SO PCT Int. Appl., 101pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2008133982	A2	20081106	WO 2008-US5339	20080425
	WO 2008133982	A3	20090507		
	W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM,			

TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW  
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,  
 IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK,  
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,  
 TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,  
 AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

PRAI US 2007-926483P P 20070427

=> d 112 7

L12 ANSWER 7 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
 AN 2008:830514 CAPLUS  
 DN 149:121248  
 TI Colorimetric method and kit for detecting herbicide resistance in weeds  
 IN Ravn, Helle Weber; Kudsk, Per Nielsen; Mathiasen, Solvejg K.  
 PA Aarhus Universitet, Den.  
 SO PCT Int. Appl., 111pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2008080410	A1	20080710	WO 2008-DK50004	20080107
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2008203745	A1	20080710	AU 2008-203745	20080107
CA 2674643	A1	20080710	CA 2008-2674643	20080107
EP 2102654	A1	20090923	EP 2008-700137	20080107
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS				
US 20100150842	A1	20100617	US 2010-522367	20100119
PRAI DK 2007-24	A	20070107		
WO 2008-DK50004	W	20080107		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 8

L12 ANSWER 8 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
 AN 2008:829742 CAPLUS  
 DN 149:121218  
 TI Colorimetric method and kit for testing herbicide stress effects in weeds  
 IN Ravn, Helle Weber  
 PA Aarhus Universitet, Den.  
 SO PCT Int. Appl., 170pp.  
 CODEN: PIXXD2  
 DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008080409	A1	20080710	WO 2008-DK50003	20080107
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
AU 2008203744	A1	20080710	AU 2008-203744	20080107
CA 2674642	A1	20080710	CA 2008-2674642	20080107
EP 2102653	A1	20090923	EP 2008-700136	20080107
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS			
US 20100047176	A1	20100225	US 2009-522372	20090924
PRAI DK 2007-22	A	20070107		
WO 2008-DK50003	W	20080107		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 9

L12 ANSWER 9 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
 AN 2007:825678 CAPLUS  
 DN 147:228569  
 TI Identification of the Structural Requirements for Mutagenicity, by Incorporating Molecular Flexibility and Metabolic Activation of Chemicals. II. General Ames Mutagenicity Model. [Erratum to document cited in CA146:516278]  
 AU Serafimova, R.; Todorov, M.; Pavlov, T.; Kotov, S.; Jacob, E.; Aptula, A.; Mekenyan, O.  
 CS Laboratory of Mathematical Chemistry, University Prof. As. Zlatarov, Bourgas, 8000, Bulg.  
 SO Chemical Research in Toxicology (2007), 20(8), 1225  
 CODEN: CRTOEC; ISSN: 0893-228X  
 PB American Chemical Society  
 DT Journal  
 LA English

=> d 112 10

L12 ANSWER 10 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
 AN 2007:334667 CAPLUS  
 DN 146:516278  
 TI Identification of the Structural Requirements for Mutagenicity, by Incorporating Molecular Flexibility and Metabolic Activation of Chemicals. II. General Ames Mutagenicity Model  
 AU Serafimova, R.; Todorov, M.; Pavlov, T.; Kotov, S.; Jacob, E.; Aptula, A.; Mekenyan, O.

CS Laboratory of Mathematical Chemistry, University Prof. As. Zlatarov,  
Bourgas, 8000, Bulg.  
SO Chemical Research in Toxicology (2007), 20(4), 662-676  
CODEN: CRTOEC; ISSN: 0893-228X  
PB American Chemical Society  
DT Journal  
LA English  
OSC.G 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)  
RE.CNT 81 THERE ARE 81 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 11

L12 ANSWER 11 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 2006:405003 CAPLUS  
DN 146:155278  
TI Non-stochastic and stochastic linear indices of the molecular  
pseudograph's atom-adjacency matrix: a novel approach for computational in  
silico screening and "rational" selection of new lead antibacterial agents  
AU Marrero-Ponce, Yovani; Marrero, Ricardo Medina; Torrens, Francisco;  
Martinez, Yamile; Bernal, Milagros Garcia; Zaldivar, Vicente Romero;  
Castro, Eduardo A.; Abalo, Ricardo Grau  
CS Department of Pharmacy, Faculty of Chemical-Pharmacy, Central University  
of Las Villas, Santa Clara, 54830, Cuba  
SO Journal of Molecular Modeling (2006), 12(3), 255-271  
CODEN: JMMOFK; ISSN: 0948-5023  
URL: <http://www.springerlink.com/media/ef6tmfk36j3ttmb97w1h/contributions/1/2/v/4/12v47qr26320v870.pdf>  
PB Springer GmbH  
DT Journal; (online computer file)  
LA English  
OSC.G 31 THERE ARE 31 CAPLUS RECORDS THAT CITE THIS RECORD (33 CITINGS)  
RE.CNT 71 THERE ARE 71 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 12

L12 ANSWER 12 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 2005:244333 CAPLUS  
DN 143:307  
TI Atom, atom-type, and total nonstochastic and stochastic quadratic  
fingerprints: a promising approach for modeling of antibacterial activity  
AU Marrero-Ponce, Yovani; Medina-Marrero, Ricardo; Torrens, Francisco;  
Martinez, Yamile; Romero-Zaldivar, Vicente; Castro, Eduardo A.  
CS Department of Pharmacy, Faculty of Chemical-Pharmacy, Central University  
of Las Villas, Santa Clara, 54830, Cuba  
SO Bioorganic & Medicinal Chemistry (2005), 13(8), 2881-2899  
CODEN: BMECEP; ISSN: 0968-0896  
PB Elsevier Ltd.  
DT Journal  
LA English  
OSC.G 47 THERE ARE 47 CAPLUS RECORDS THAT CITE THIS RECORD (47 CITINGS)  
RE.CNT 91 THERE ARE 91 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 13

L12 ANSWER 13 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 2004:610054 CAPLUS

DN 141:162353  
 TI Transdermal patch comprising antiviral and other agents  
 IN Rolf, David  
 PA Lectec Corporation, USA  
 SO PCT Int. Appl., 144 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004062600	A2	20040729	WO 2004-US392	20040108
	WO 2004062600	A3	20041104		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ			
	US 7288265	B1	20071030	US 2003-338809	20030108
PRAI	US 2003-338809	A	20030108		
	US 2000-688445	B2	20001016		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)  
 RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 14

L12 ANSWER 14 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
 AN 2004:305177 CAPLUS  
 DN 140:304723  
 TI Polyurethane composition containing a bismuth catalyst  
 IN Burckhardt, Urs; Diener, Andreas  
 PA Sika Technology A.-G., Switz.  
 SO Eur. Pat. Appl., 21 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1408062	A1	20040414	EP 2002-22561	20021008
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
	CA 2501224	A1	20040422	CA 2003-2501224	20031001
	WO 2004033519	A1	20040422	WO 2003-EP10931	20031001
	WO 2004033519	A9	20050526		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG			
	AU 2003285287	A1	20040504	AU 2003-285287	20031001
	EP 1551895	A1	20050713	EP 2003-778270	20031001
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
	BR 2003015173	A	20050823	BR 2003-15173	20031001



CN 1703437	A	20051130	CN 2003-80101128	20031001
CN 100354331	C	20071212		
JP 2006502267	T	20060119	JP 2004-542408	20031001
JP 4220467	B2	20090204		
US 20060180274	A1	20060817	US 2005-529894	20050322
MX 2005003678	A	20050816	MX 2005-3678	20050407
PRAI EP 2002-22561	A	20021008		
WO 2003-EP10931	W	20031001		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 140:304723

OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 15

L12 ANSWER 15 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2003:376338 CAPLUS

DN 138:347624

TI Method for laser patterning a multilayered conductor/substrate structure

IN Kian, Kouroche; Heydarpour, Ramin

PA Avery Dennison Corporation, USA

SO U.S. Pat. Appl. Publ., 28 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
PI US 20030092267	A1	20030515	US 2001-8808	20011113
US 6602790	B2	20030805		
PRAI US 2001-8808		20011113		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 14 THERE ARE 14 CAPLUS RECORDS THAT CITE THIS RECORD (16 CITINGS)

=> d 112 16

L12 ANSWER 16 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2000:259972 CAPLUS

DN 132:293042

TI Encapsulation of sensitive liquid components into a matrix to obtain discrete shelf-stable particles

IN Van Lengerich, Bernhard H.

PA General Mills, Inc., USA

SO PCT Int. Appl., 56 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
PI WO 2000021504	A1	20000420	WO 1999-US20905	19991006
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,				
DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,				
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,				
MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,				
TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

US 7201923 B1 20070410 US 1999-233443 19990120  
 EP 1900283 A2 20080319 EP 2007-24107 19990323  
 EP 1900283 A3 20100210  
 R: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC,  
 NL, PT, SE, LT, LV, RO, SI  
 CA 2345815 A1 20000420 CA 1999-2345815 19991006  
 AU 9963872 A 20000501 AU 1999-63872 19991006  
 AU 777977 B2 20041104  
 EP 1119345 A1 20010801 EP 1999-951433 19991006  
 EP 1119345 B1 20090429  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, CY  
 JP 2002527375 T 20020827 JP 2000-575480 19991006  
 AT 429813 T 20090515 AT 1999-951433 19991006  
 PT 1119345 E 20090727 PT 1999-951433 19991006  
 ES 2326502 T3 20091013 ES 1999-951433 19991006  
 PRAI US 1998-103700P P 19981009  
 US 1998-109696P P 19981124  
 US 1999-233443 A 19990120  
 US 1998-79060P P 19980323  
 EP 1999-912231 A3 19990323  
 WO 1999-US20905 W 19991006  
 OSC.G 14 THERE ARE 14 CAPLUS RECORDS THAT CITE THIS RECORD (14 CITINGS)  
 RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 17

L12 ANSWER 17 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1998:293427 CAPLUS

DN 129:8597

OREF 129:1853A,1856a

TI Embedding and encapsulation of controlled release particles

IN Van Lengerich, Bernhard H.

PA Van Lengerich, Bernhard H., USA

SO PCT Int. Appl., 63 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9818610	A1	19980507	WO 1997-US18984	19971027
	W: AU, CA, JP, NO, PL, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2269806	A1	19980507	CA 1997-2269806	19971027
	CA 2269806	C	20060124		
	AU 9749915	A	19980522	AU 1997-49915	19971027
	AU 744156	B2	20020214		
	EP 935523	A1	19990818	EP 1997-912825	19971027
	EP 935523	B1	20040929		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2002511777	T	20020416	JP 1998-520558	19971027
	EP 1342548	A1	20030910	EP 2003-10031	19971027
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	AT 277739	T	20041015	AT 1997-912825	19971027
	PL 191399	B1	20060531	PL 1997-333095	19971027
	NO 9902036	A	19990428	NO 1999-2036	19990428
PRAI	US 1996-29038P	P	19961028		

US 1997-52717P P 19970716  
EP 1997-912825 A3 19971027  
WO 1997-US18984 W 19971027  
OSC.G 24 THERE ARE 24 CAPLUS RECORDS THAT CITE THIS RECORD (24 CITINGS)  
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 112 18

L12 ANSWER 18 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 1993:455828 CAPLUS  
DN 119:55828  
OREF 119:9945a,9948a  
TI Status of certain additional over-the-counter drug category II and III active ingredients  
CS United States Food and Drug Administration, Rockville, MD, 20857, USA  
SO Federal Register (1993), 58(88), 27636-44, 10 May 1993  
CODEN: FEREC; ISSN: 0097-6326  
DT Journal  
LA English

=> d 112 19

L12 ANSWER 19 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 1992:639562 CAPLUS  
DN 117:239562  
OREF 117:41313a,41316a  
TI Status of certain over-the-counter drug category II and III active ingredients. [Erratum to document cited in CA114(10):88452e]  
CS United States Food and Drug Administration, Rockville, MD, 20857, USA  
SO Federal Register (1992), 57(191), 45295, 1 Oct 1992  
CODEN: FEREC; ISSN: 0097-6326  
DT Journal  
LA English

=> d 112 20

L12 ANSWER 20 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 1992:455740 CAPLUS  
DN 117:55740  
OREF 117:9735a,9738a  
TI Status of certain over-the-counter drug category II and III active ingredients. [Erratum to document cited in CA114(10):88452e]  
CS United States Food and Drug Administration, Rockville, MD, 20857, USA  
SO Federal Register (1992), 57(20), 3526, 30 Jan 1992  
CODEN: FEREC; ISSN: 0097-6326  
DT Journal  
LA English

=> d 112 21

L12 ANSWER 21 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 1991:88452 CAPLUS  
DN 114:88452  
OREF 114:14971a,14974a  
TI Status of certain over-the-counter drug category II and III active ingredients  
CS United States Food and Drug Administration, Rockville, MD, 20857, USA

SO Federal Register (1990), 55(216), 46914-21, 7 Nov 1990  
CODEN: FEREC; ISSN: 0097-6326  
DT Journal  
LA English

=> d 112 22

L12 ANSWER 22 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 1980:487930 CAPLUS  
DN 93:87930  
OREF 93:13937a,13940a  
TI Precipitation of bismuth 8-quinolinolate from homogeneous  
solution by urea hydrolysis  
AU Reddy, G. Siva; Reddy, Y. Krishna  
CS Dep. Chem., Sri Venkatesawara Univ., Tirupati, 517502, India  
SO Analyst (Cambridge, United Kingdom) (1980), 105(1249), 391-5, 1 Plate  
CODEN: ANALAO; ISSN: 0003-2654  
DT Journal  
LA English

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	43.65	629.78

FILE 'STNGUIDE' ENTERED AT 14:26:38 ON 17 AUG 2010  
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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Aug 6, 2010 (20100806/UP).

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	629.99

FILE 'CAPLUS' ENTERED AT 14:28:38 ON 17 AUG 2010  
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FILE COVERS 1907 - 17 Aug 2010 VOL 153 ISS 8  
FILE LAST UPDATED: 16 Aug 2010 (20100816/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2010  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2010

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d 112 23

L12 ANSWER 23 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 1966:42987 CAPLUS  
DN 64:42987  
OREF 64:7966f-g  
TI Ignition and flame tests of organic pharmaceutical substances  
AU Morvay, J.; Racz, I.; Gati, L.  
CS Univ. Med. Sci., Szeged, Hung.  
SO Gyógyszerészet (1965), 9(12), 472-3  
CODEN: GYOGAI; ISSN: 0017-6036  
DT Journal  
LA Hungarian

=> d 112 24

L12 ANSWER 24 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 1966:26746 CAPLUS  
DN 64:26746  
OREF 64:4872f  
TI Compound alteration of diazepam  
AU Ozaki, Akira; Inoue, Yoshinori; Hashiguchi, Nobuhiko  
CS Toyokogyo Co. Hosp., Hiroshima, Japan  
SO Yakuzaijaku (1965), 25(2), 157-60  
CODEN: YAKUA2; ISSN: 0372-7629  
DT Journal  
LA Japanese

=> d 112 25

L12 ANSWER 25 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 1961:50734 CAPLUS  
DN 55:50734  
OREF 55:9783c-d  
TI Methods of preparing isotonic solutions by means of graphs or tables on the basis of experimentally found iso-osmotic values  
AU Hammarlund, E. R.; Larsen, J.; Pedersen-Bjergaard, K.  
CS Univ. of Washington, Seattle  
SO Pharmaceutica Acta Helvetiae (1960), 35, 593-607  
CODEN: PAHEAA; ISSN: 0031-6865  
DT Journal  
LA English

=> d 112 26

L12 ANSWER 26 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 1958:80541 CAPLUS  
DN 52:80541  
OREF 52:14269f-i,14270a  
TI The volatility of polonium compounds  
AU Mabuchi, Hisao

CS Univ. Tokyo  
 SO Bulletin of the Chemical Society of Japan (1958), 31, 245-6  
 CODEN: BCSJA8; ISSN: 0009-2673  
 DT Journal  
 LA Unavailable

=> d 112 27

L12 ANSWER 27 OF 27 CAPLUS COPYRIGHT 2010 ACS on STN  
 AN 1952:47874 CAPLUS  
 DN 46:47874  
 OREF 46:7927g-i,7928a-d  
 TI Chromatographic analysis of metals by organic reagents  
 AU Ashizawa, Takashi  
 CS Okayama Univ.  
 SO Repts. Balneol. Lab. Okayama Univ. (1951), (No. 5), 1-42  
 DT Journal  
 LA English

=> s 111 and prepolymer  
 24435 PREPOLYMER  
 11828 PREPOLYMERS  
 29573 PREPOLYMER  
 (PREPOLYMER OR PREPOLYMERS)

L13 10 L11 AND PREPOLYMER

=> d 113

L13 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
 AN 2004:305177 CAPLUS  
 DN 140:304723  
 TI Polyurethane composition containing a bismuth catalyst  
 IN Burckhardt, Urs; Diener, Andreas  
 PA Sika Technology A.-G., Switz.  
 SO Eur. Pat. Appl., 21 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1408062	A1	20040414	EP 2002-22561	20021008
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	CA 2501224	A1	20040422	CA 2003-2501224	20031001
	WO 2004033519	A1	20040422	WO 2003-EP10931	20031001
	WO 2004033519	A9	20050526		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003285287	A1	20040504	AU 2003-285287	20031001
	EP 1551895	A1	20050713	EP 2003-778270	20031001
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

BR 2003015173	A	20050823	BR 2003-15173	20031001
CN 1703437	A	20051130	CN 2003-80101128	20031001
CN 100354331	C	20071212		
JP 2006502267	T	20060119	JP 2004-542408	20031001
JP 4220467	B2	20090204		
US 20060180274	A1	20060817	US 2005-529894	20050322
MX 2005003678	A	20050816	MX 2005-3678	20050407

PRAI EP 2002-22561 A 20021008  
 WO 2003-EP10931 W 20031001

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 OS MARPAT 140:304723  
 OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)  
 RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 113 2

L13 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
 AN 1997:692721 CAPLUS  
 DN 127:279426  
 OREF 127:54559a,54562a  
 TI Preparing elastomeric polyurethanes having reduced surface  
 skinning and improved green strength  
 IN Pantone, Richard S.; Sarpeshkar, Ashok M.  
 PA Bayer A.-G., USA  
 SO Can. Pat. Appl., 43 pp.  
 CODEN: CPXXEB  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CA 2188504	A1	19970629	CA 1996-2188504	19961022
	CA 2188504	C	20040907		
	US 5719229	A	19980217	US 1995-580268	19951228
PRAI	US 1995-580268	A	19951228		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

=> d 113 2 all

L13 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
 AN 1997:692721 CAPLUS  
 DN 127:279426  
 OREF 127:54559a,54562a  
 ED Entered STN: 03 Nov 1997  
 TI Preparing elastomeric polyurethanes having reduced surface  
 skinning and improved green strength  
 IN Pantone, Richard S.; Sarpeshkar, Ashok M.  
 PA Bayer A.-G., USA  
 SO Can. Pat. Appl., 43 pp.  
 CODEN: CPXXEB  
 DT Patent  
 LA English  
 CC 39-4 (Synthetic Elastomers and Natural Rubber)  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CA 2188504	A1	19970629	CA 1996-2188504	19961022

CA 2188504	C	20040907		
US 5719229	A	19980217	US 1995-580268	19951228
PRAI US 1995-580268	A	19951228		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
CA 2188504	IPCI	C08G0018-10 [ICM,6]; C08G0018-42 [ICS,6]; C08G0018-32 [ICS,6]; C08G0018-22 [ICS,6]; C08G0018-00 [ICS,6,C*]
	IPCR	C08G0018-00 [I,C*]; C08G0018-10 [I,A]; C08G0018-42 [I,A]; C08K0005-00 [I,C*]; C08K0005-00 [I,A]
	ECLA	C08G018/10+18/32; C08G018/42; C08K005/00P+L/5/06
US 5719229	IPCI	C08K0005-07 [ICM,6]; C08K0005-09 [ICS,6]; C08K0005-13 [ICS,6]; C08K0005-21 [ICS,6]; C08K0005-00 [ICS,6,C*]
	IPCR	C08G0018-00 [I,C*]; C08G0018-10 [I,A]; C08G0018-42 [I,A]; C08K0005-00 [I,C*]; C08K0005-00 [I,A]
	NCL	524/706.000; 524/710.000; 524/723.000; 524/728.000; 524/736.000; 524/738.000; 524/741.000; 524/742.000; 524/765.000; 524/770.000; 524/773.000; 524/775.000; 528/048.000; 528/049.000; 528/051.000; 528/052.000; 528/053.000; 528/059.000; 528/080.000; 528/083.000; 528/084.000
	ECLA	C08G018/10+18/32; C08G018/42; C08K005/00P+L/5/06

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The title elastomeric polyurethanes are prepared by reacting, in an open mold at an NCO index 80-120, (a) an isocyanate prepolymer having an NCO content 3-15% and a number-average mol. weight (Mn) 550-20,000 prepared

by the reaction of (1) organic polyisocyanates having 2-3 NCO groups, and (2) isocyanate-reactive polyester polyols having 2-3 isocyanate-reactive OH groups and a Mn 400-10,000 and prepared in the presence of an esterification catalyst, and optionally containing other isocyanate-reactive compds., where the equivalent ratio of isocyanate groups to isocyanate-reactive groups is 1.2-34:1; (b) a diol chain extender, optionally in admixt. with a crosslinker and/or an amino-containing chain extender and/or crosslinker; (c) 0.001-10% catalyst; and (d) 0.01-5% surface skinning retardants consisting of (1) certain carboxylic acids and derivs., (2) 1,2-diketones, 1,3-diketones, and aromatic hydroxyketones; (3) mono- and dihydric phenols, (4) N-substituted ureas and thioureas, and/or (5) certain P compds. To the prepolymer of poly(butylene adipate) and MDI was added salicylic acid and a chain extender of 1,4-butanediol to give a cast molding with no surface skinning.

ST polyester polyurethane elastomer manuf; surface skinning reduced polyurethane elastomer; carboxylic acid surface skinning retardant elastomer; diketone surface skinning retardant elastomer; hydroxyketone surface skinning retardant elastomer; phenol surface skinning retardant elastomer; urea surface skinning retardant elastomer; thiourea surface skinning retardant elastomer; phosphite surface skinning retardant elastomer

IT Urethane rubber, preparation

RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); PREP (Preparation); USES (Uses)

(polyester-, block; preparing elastomeric polyurethanes having reduced surface skinning and improved green strength)

IT 94189-49-8P, Adipic acid-1,4-butanediol-MDI block copolymer 107592-09-6P

RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); PREP (Preparation); USES (Uses)

(preparing elastomeric polyurethanes having reduced surface skinning and improved green strength)

IT 57-11-4P, Stearic acid, preparation 62-56-6P, Thiourea, preparation 65-85-0P, Benzoic acid, preparation 69-72-7P, Salicylic acid, preparation 87-69-4P, Tartaric acid, preparation 96-31-1P, N,N'-Dimethylurea 98-88-4P, Benzoyl chloride 99-96-7P,



p-Hydroxybenzoic acid, preparation 102-08-9P, 1,3-Diphenyl-2-thiourea 109-46-6P, 1,3-Dibutylthiourea 119-53-9P, Benzoin 120-46-7P, Dibenzoylmethane 121-45-9P, Trimethyl phosphite 122-04-3P, p-Nitrobenzoyl chloride 123-54-6P, 2,4-Pentanedione, preparation 124-04-9P, Adipic acid, preparation 128-37-0P, 2,6-Di-tert-butyl p-cresol, preparation 134-81-6P, Benzil 148-24-3P, 8-Hydroxyquinoline, preparation 431-03-8P, 2,3-Butanedione 598-50-5P, N-Methylurea 611-92-7P, N,N'-Dimethylcarbanilide 632-22-4P, 756-79-6P, Dimethyl methylphosphonate 762-04-9P, Diethyl phosphite 1779-48-2P, Phenylphosphinic acid 27213-78-1P, tert-Butyl catechol

RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); PREP (Preparation); USES (Uses)

(surface skinning retardant; preparing elastomeric polyurethanes having reduced surface skinning and improved green strength)

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

UPOS.G Date last citing reference entered STN: 16 Feb 2009

OS.G CAPLUS 2001:449912

=> d 113 3

L13 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1993:498057 CAPLUS

DN 119:98057

OREF 119:17669a,17672a

TI Marine compositions bearing preferentially concentrated domains of non-tin, organic antifouling agents

IN McGinniss, Vincent D.; Dick, Richard J.

PA Battelle Memorial Institute, USA

SO PCT Int. Appl., 70 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9220747	A1	19921126	WO 1992-US4077	19920514
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, MC, NL, SE				
	CA 2107207	A1	19921118	CA 1992-2107207	19920514
	AU 9219235	A	19921230	AU 1992-19235	19920514
	AU 660030	B2	19950608		
	EP 584204	A1	19940302	EP 1992-911523	19920514
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, SE				
	JP 06507661	T	19940901	JP 1992-510674	19920514
	US 5441743	A	19950815	US 1993-56589	19930430
PRAI	US 1991-702241	A	19910517		
	US 1988-287899	B2	19881221		
	WO 1992-US4077	A	19920514		

OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 113 4

L13 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1987:529123 CAPLUS

DN 107:129123

OREF 107:20779a,20782a

TI Tree treatment composition containing the reaction products of fungicides with acrylic resins

IN Odor, Zoltan; Vajna, Laszlo; Hajos, Ferenc, Mrs.  
 PA Innofinance Altalanos Innovacios Penzintezet, Hung.  
 SO PCT Int. Appl., 26 pp.

CODEN: PIXXD2

DT Patent  
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 8700399	A1	19870129	WO 1986-HU43	19860716
	W: BG, BR, DK, FI, JP, KR, NO, RO, SU, US				
	RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
	HU 41215	A2	19870428	HU 1985-2719	19850716
	EP 229176	A1	19870722	EP 1986-904905	19860716
	EP 229176	B1	19901017		
	R: AT, CH, DE, FR, GB, IT, LI				
	AT 57458	T	19901115	AT 1986-904905	19860716
	DD 255470	A5	19880406	DD 1986-293357	19860801
	IL 79653	A	19910630	IL 1986-79653	19860807
	CN 86105414	A	19880323	CN 1986-105414	19860902
PRAI	HU 1985-2719	A	19850716		
	EP 1986-904905	A	19860716		
	WO 1986-HU43	A	19860716		

OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 113 5

L13 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1984:546812 CAPLUS

DN 101:146812

OREF 101:22184h,22185a

TI Immobilization of an enzyme

PA Mitsubishi Petrochemical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 59102393	A	19840613	JP 1982-211117	19821201
	JP 03018876	B	19910313		
PRAI	JP 1982-211117		19821201		

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

=> d 113 6

L13 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1983:454750 CAPLUS

DN 99:54750

OREF 99:8558h,8559a

TI Polyurethane emulsifiers with blocked isocyanate groups

PA Mitsubishi Petrochemical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 10 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 58040134	A	19830309	JP 1981-138377	19810904
PRAI	JP 1981-138377		19810904		

=> d 113 7

L13 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
 AN 1983:162523 CAPLUS  
 DN 98:162523  
 OREF 98:24659a,24662a  
 TI Primers for concrete  
 PA Mitsubishi Petrochemical Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 10 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 57174354	A	19821027	JP 1981-58590	19810420
PRAI	JP 1981-58590		19810420		
OSC.G	1				

THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

=> d 113 7 abs

L13 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
 AB Aqueous primers for concrete contain urethane prepolymers derived from hydrophilic polyols, polyisocyanates, and blocking agents such as imidazole (I), I derivs. hydroxypyridine, hydroxyquinoline, and phenols having pKa 5-9.5. Thus, 84 parts polyether polyol (mol. weight 5000, prepared from trimethylpropane and 85:15 mol ethylene oxide-propylene oxide mixture) and 16 parts tolylene diisocyanate were mixed to give a prepolymer. A mixture of 100 parts of the prepolymer and 9.5 parts imidazole was thinned with H2O to 10% solids, applied to a concrete slab to 200 g/m2, and dried 2 h. The primed slab was coated with an acrylic emulsion to form a coating which had adhesion to the substrate after 1 mo of outdoor exposure at 45° (cross-cut test) 98/100, compared with 50/50 for a similar coating without priming.

=> d 113 7 all

L13 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
 AN 1983:162523 CAPLUS  
 DN 98:162523  
 OREF 98:24659a,24662a  
 ED Entered STN: 12 May 1984  
 TI Primers for concrete  
 PA Mitsubishi Petrochemical Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 10 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 CC 42-7 (Coatings, Inks, and Related Products)  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 57174354	A	19821027	JP 1981-58590	19810420
PRAI	JP 1981-58590		19810420		

CLASS	PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
	JP 57174354	IPCI	C09D0003-72; B05D0007-00; B05D0007-24; C09D0005-00; C08G0018-80 [ICA]; C08G0018-00 [ICA,C*]
		IPCR	C09D0005-00 [I,C*]; C09D0005-00 [I,A]; B05D0007-00 [I,C*]; B05D0007-00 [I,A]; B05D0007-24 [I,C*]; B05D0007-24 [I,A]; C08G0018-00 [I,C*]; C08G0018-00 [I,A]; C08G0018-80 [I,A]; C09D0175-00 [I,C*]; C09D0175-00 [I,A]
AB	Aqueous primers for concrete contain urethane prepolymers derived from hydrophilic polyols, polyisocyanates, and blocking agents such as imidazole (I), I derivs. hydroxypyridine, hydroxyquinoline, and phenols having pKa 5-9.5. Thus, 84 parts polyether polyol (mol. weight 5000, prepared from trimethylpropane and 85:15 mol ethylene oxide-propylene oxide mixture) and 16 parts tolylene diisocyanate were mixed to give a prepolymer. A mixture of 100 parts of the prepolymer and 9.5 parts imidazole was thinned with H2O to 10% solids, applied to a concrete slab to 200 g/m2, and dried 2 h. The primed slab was coated with an acrylic emulsion to form a coating which had adhesion to the substrate after 1 mo of outdoor exposure at 45° (cross-cut test) 98/100, compared with 50/50 for a similar coating without priming.		
ST	urethane polymer primer concrete; moisture curable polyurethane primer; imidazole blocked urethane prepolymer		
IT	Concrete (primers for, blocked isocyanate group-containing urethane polymers as water-thinned)		
IT	Coating materials (primers, water-thinned, blocked isocyanate group-containing urethane polymers, for concrete)		
IT	88-75-5D, reaction products with isocyanate-terminated urethane polymers 142-08-5D, reaction products with isocyanate-terminated urethane polymers 148-24-3D, reaction products with isocyanate-terminated urethane polymers 288-32-4D, reaction products with isocyanate-terminated urethane polymers 534-26-9D, reaction products with isocyanate-terminated urethane polymers 9042-77-7D, reaction products with methylimidazoline 39359-47-2D, reaction products with hydroxypyridine 68833-79-4D, reaction products with imidazole RL: USES (Uses) (primers, water-thinned, for concrete)		
OSC.G	1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)		
UPOS.G	Date last citing reference entered STN: 16 Feb 2009		
OS.G	CAPLUS 2001:329584		

=> d 113 8

L13 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
AN 1983:95661 CAPLUS  
DN 98:95661  
OREF 98:14499a,14502a  
TI Sustained-release formulations containing imidazoles, triazines, purines, and uracil derivatives  
PA Mitsubishi Petrochemical Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 13 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1  
PATENT NO. KIND DATE APPLICATION NO. DATE

PI	JP 57175112	A	19821028	JP 1981-58591	19810420
PRAI	JP 1981-58591		19810420		

=> d 113 9

L13 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
 AN 1981:426067 CAPLUS  
 DN 95:26067  
 OREF 95:4558h,4559a  
 TI Aqueous resin emulsions containing urethane prepolymer compositions slowly hardenable with water  
 IN Yoshimura, Naoki; Hijikata, Kenji; Hosokawa, Noritaka  
 PA Mitsubishi Petrochemical Co., Ltd. , Japan  
 SO Ger. Offen., 33 pp.  
 CODEN: GWXXBX  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3039271	A1	19810430	DE 1980-3039271	19801017
	DE 3039271	C2	19940310		
	JP 56059832	A	19810523	JP 1979-134756	19791019
	JP 63038370	B	19880729		
	JP 56110717	A	19810902	JP 1980-12877	19800205
	JP 56112965	A	19810905	JP 1980-15745	19800212
	JP 57025320	A	19820210	JP 1980-100172	19800722
	US 4322327	A	19820330	US 1980-196831	19801014
PRAI	JP 1979-134756	A	19791019		
	JP 1980-12877	A	19800205		
	JP 1980-15745	A	19800212		
	JP 1980-100172	A	19800722		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 OSC.G 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (11 CITINGS)

=> d 113 10

L13 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
 AN 1974:414525 CAPLUS  
 DN 81:14525  
 OREF 81:2351a,2354a  
 TI Heat stabilizers for polyurethane elastomers  
 IN Nagai, Kazuhiro; Okada, Haruo; Sasanuma, Masaaki; Murata, Renpei  
 PA Toho Rayon Co., Ltd.  
 SO Jpn. Kokai Tokkyo Koho, 4 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 48096648	A	19731210	JP 1972-23967	19720310
	JP 51010627	B	19760405		
PRAI	JP 1972-23967	A	19720310		

=> d 113 10 all

L13 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1974:414525 CAPLUS  
 DN 81:14525  
 OREF 81:2351a,2354a  
 ED Entered STN: 12 May 1984  
 TI Heat stabilizers for polyurethane elastomers  
 IN Nagai, Kazuhiro; Okada, Haruo; Sasanuma, Masaaki; Murata, Renpei  
 PA Toho Rayon Co., Ltd.  
 SO Jpn. Kokai Tokkyo Koho, 4 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 CC 38-9 (Elastomers, Including Natural Rubber)  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 48096648	A	19731210	JP 1972-23967	19720310
	JP 51010627	B	19760405		
PRAI	JP 1972-23967	A	19720310		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 48096648	INCL	25(1)D52; 25(1)A29
	IPCR	C08L0075-00 [N,C*]; C08L0075-04 [N,A]

AB A polyurethane derived from a urethane prepolymer with isocyanate end groups and aromatic or aliphatic diamine containing 0.05-5 weight% quinoline derivs. having C1-10 alkyl, NH2, SH, or OH substitution(s) on the quinoline rings and optionally phenolic stabilizers(s) has good heat resistance. Thus, a mixture of 50 parts polyester-type urethane prepolymer of mol. weight 1860 and 50 parts polyester-type urethane prepolymer of mol. weight 1500 was degassed at 70-90.deg./5mm for 30-60 min, mixed with 4,4'-methylene-bis(2-chloroaniline) 13.2, 8-hydroxyquinoline (I) [148-24-3] 0.5, and 2,5-di-tert-butylhydroquinone(II) 0.5 part, and the mixture was poured in a mold and cured 3 hr at 120.deg. to give 3-mm test sheets. The sheets had tensile strengths 5.50 and 5.48 kg/mm2 before and after 6 days at 130.deg., compared with 5.04 and 1.90 kg/mm2, resp., for similar sheets without I and II.

ST polyurethane heat resistance; quinoline deriv heat stabilizer; phenolic heat stabilizer

IT Heat stabilizers  
 (dibutylhydroquinone and hydroxyquinoline, for urethane rubbers)

IT Rubber, urethane, uses and miscellaneous  
 (heat stabilizers for, hydroxyquinoline and dibutylhydroquinone as)

IT 88-58-4 148-24-3, uses and miscellaneous  
 RL: MOA (Modifier or additive use); USES (Uses)  
 (heat stabilizers, for urethane rubbers)

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
49.58	679.57

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-3.40	-3.40

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STN INTERNATIONAL LOGOFF AT 14:46:56 ON 17 AUG 2010

